

10 - 2106 Rec'd PCT/ATO 21 OCT 2005 PCT/4

FORM PTO-1390
(REV. 11-2000)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER
P/63988

U.S. APPLICATION NO. (If known, see 37 CFR 1.5) .

10/554193

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

INTERNATIONAL APPLICATION NO.
PCT/EP2004/050595

INTERNATIONAL FILING DATE
April 23, 2004

PRIORITY DATE CLAIMED
April 24, 2003

TITLE OF INVENTION COUNTER-PUMPED DISTRIBUTED RAMAN AMPLIFICATION IN WAVELENGTH
DIVISION MULTIPLEX OPTICAL COMMUNICATION SYSTEMS

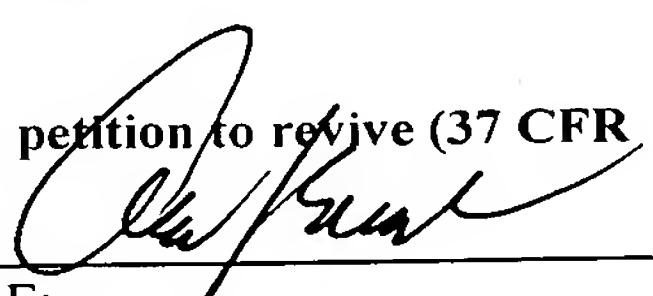
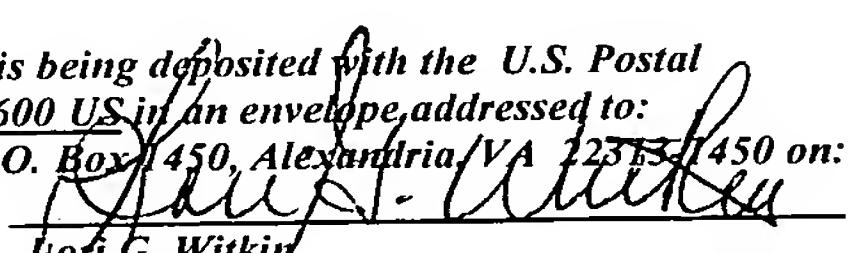
APPLICANT(S) FOR DO/EO/US Simone SUGLIANI; Giovanni SACCHI; Fabrizio DiPASQUALE

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. This is an express request to begin national examination procedures (35 U.S.C. 371 (f)). The submission must include items (5), (6), (9) and (21) indicated below.
4. The US has been elected by the expiration of 19 months from the priority date (Article 31).
5. A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is attached hereto (required only if not communicated by the International Bureau).
 - b. has been communicated by the International Bureau.
 - c. is not required, as the application was filed in the United States Receiving Office (RO/US).
6. An English language translation of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. is attached hereto.
 - b. has been previously submitted under 35 U.S.C. 154(d)(4).
7. Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. are attached hereto (required only if not communicated by the International Bureau).
 - b. have been communicated by the International Bureau.
 - c. have not been made; however, the time limit for making such amendments has NOT expired.
 - d. have not been made and will not be made.
8. An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).
10. An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11 to 20 below concern document(s) or information included:

11. An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. Assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included and fee.
13. A **FIRST** preliminary amendment.
14. A **SECOND** or **SUBSEQUENT** preliminary amendment.
15. A substitute specification.
16. A change of power of attorney and/or address letter.
17. A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 35 U.S.C. 1.821 - 1.825.
18. A second copy of the published international application under 35 U.S.C. 154(d)(4).
19. A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).
20. Other items or information: **Receipt Acknowledgement Postcard**

| | | | | | | | | | | |
|--|--|-------------------------------------|---------------------------------|----------|----------------------------------|----------|---------------------------------------|----------|---|----------|
| U.S. APPLICATION NO. (If applicable) 10/554 193 | INTERNATIONAL APPLICATION NO. PCT/EP2004/050595 | ATTORNEY'S DOCKET NUMBER P/63988 | | | | | | | | |
| 21. <input checked="" type="checkbox"/> THE FOLLOWING BASIC NATIONAL FEES ARE SUBMITTED: | | | | | | | | | | |
| <table> <tr> <td>■ Basic National Stage Fee.....</td> <td>\$300.00</td> </tr> <tr> <td>■ National Stage Search Fee.....</td> <td>\$500.00</td> </tr> <tr> <td>■ National Stage Examination Fee.....</td> <td>\$200.00</td> </tr> <tr> <td>□ National Stage Application Size Fee - for each additional 50 sheets that exceeds 100 sheets.....</td> <td>\$250.00</td> </tr> </table> | | | ■ Basic National Stage Fee..... | \$300.00 | ■ National Stage Search Fee..... | \$500.00 | ■ National Stage Examination Fee..... | \$200.00 | □ National Stage Application Size Fee - for each additional 50 sheets that exceeds 100 sheets..... | \$250.00 |
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| ■ National Stage Search Fee..... | \$500.00 | | | | | | | | | |
| ■ National Stage Examination Fee..... | \$200.00 | | | | | | | | | |
| □ National Stage Application Size Fee - for each additional 50 sheets that exceeds 100 sheets..... | \$250.00 | | | | | | | | | |
| ENTER APPROPRIATE BASIC FEE AMOUNT = \$1,000.00 | | | | | | | | | | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492 (e)). \$0.00 | | | | | | | | | | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | | | | | | | | |
| Total claims | 19 - 20 = | 0 | | | | | | | | |
| Independent claims | 3 3 = | 0 | | | | | | | | |
| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | + \$360.00 | | | | | | | | |
| TOTAL OF ABOVE CALCULATIONS = \$1,000.00 | | | | | | | | | | |
| <input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2. \$0.00 | | | | | | | | | | |
| SUBTOTAL = \$1,000.00 | | | | | | | | | | |
| Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). \$0.00 | | | | | | | | | | |
| TOTAL NATIONAL FEE = \$1,000.00 | | | | | | | | | | |
| Fee for recording the enclosed assignment (37 CFR 1.21 (h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + \$0.00 | | | | | | | | | | |
| TOTAL FEES ENCLOSED = \$1,000.00 | | | | | | | | | | |
| | | Amount to be refunded: \$ | | | | | | | | |
| | | charged: \$ | | | | | | | | |
| a. <input checked="" type="checkbox"/> A check in the amount of <u>\$1,000.00</u> to cover the above fees and Assignment recordal is enclosed. | | | | | | | | | | |
| b. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>11-1145</u> . A duplicate copy of this sheet is enclosed. | | | | | | | | | | |
| NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137 (a) or (b)) must be filed and granted to restore the application to pending status. | | | | | | | | | | |
| SEND ALL CORRESPONDENCE TO: | | | | | | | | | | |
| KIRSCHSTEIN, OTTINGER, ISRAEL & SCHIFFMILLER, P.C. | | | | | | | | | | |
| 489 Fifth Avenue | | | | | | | | | | |
| New York, New York 10017 | | | | | | | | | | |
| (212) 697-3750 | | | | | | | | | | |
| SIGNATURE:  | | | | | | | | | | |
| Alan Israel | | | | | | | | | | |
| NAME | | | | | | | | | | |
| 27,564 | | | | | | | | | | |
| REGISTRATION NUMBER | | | | | | | | | | |
| <i>I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail No. <u>EV 667 151 600</u> US in an envelope, addressed to: Box: PCT, Commissioner for Patents, P. O. Box 450, Alexandria, VA 22313-450 on: October 21, 2005 (date) </i> | | | | | | | | | | |